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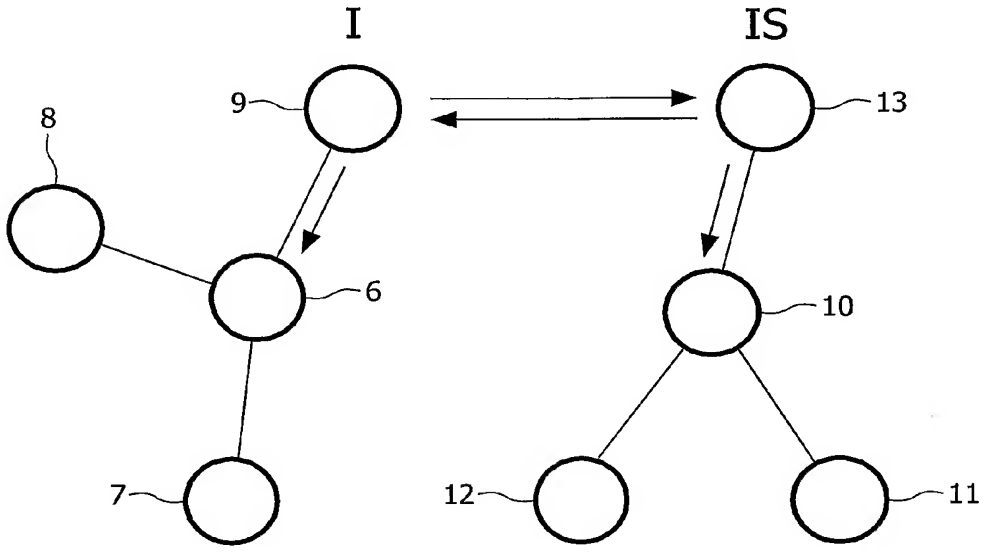
(54) Title: DYNAMIC NETWORK FUSION IN WIRELESS AD-HOC NETWORKS



(57) Abstract: The invention relates to networks having at least one slave terminal or device, and a master terminal or device connected thereto that controls the network and is arranged to instruct at least one slave terminal or device to exchange sub-network information with at least one other sub-network. On receipt of an inquiry, a slave terminal or device in another sub-networks transmits a response to the inquiring slave terminal or device in the first sub-network. The communicating slave terminals or devices pass on the sub-network information that is exchanged to the master terminal or device, for the responding sub-network to be merged into the inquiring sub network.

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